

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)						February 2002					
BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 1001018A - NATO Joint STARS				PROJECT C35				
COST (In Thousands)			FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
C35	NATO AGS - TIARA		500	0	512	512	611	610	710	Continuing	Continuing
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> The United States is a major participant in a cooperative venture to select and procure a ground surveillance capability for North Atlantic Treaty Organization (NATO) forces. In May 1997, a Conference of National Armament Directors invited member nations to offer Alliance Ground Surveillance (AGS) solutions. Currently, work continues to establish a solution for a NATO AGS system. The Army will support US Government activities in providing a NATO AGS system, focusing on the ground station segment of any solution. Once NATO members agree upon an AGS solution, Army efforts will shift from defining an acceptable solution to the necessary development of data formats, interoperability, and ground station hardware and software requirements. The three Army imperatives with regard to participation in NATO AGS are interoperability, technology re-use, and technology feedback. This system supports the legacy transition path of the Transformation Campaign Plan (TCP).</p> <p>FY03 funds will provide personnel and resources to the NATO Trans-Atlantic Advanced Radar (NATAR) Program Definition Office (PDO). The Army will fund work contributing to interoperability among allied nations and support US participation in pertinent exercises such as "Clean Hunter". Other primary support to NATO AGS will include the development of a Concept of Operations (CONOPS) and Tactics, Techniques, and Procedures (TTP). The Army will support both working level meetings and executive oversight groups such as the NATAR Management Board, the AGS Steering Committee, and the Conference of National Armament Directors.</p> <p><b><u>FY 2001 Accomplishments:</u></b></p> <ul style="list-style-type: none"> <li>500 Support the NATAR Program Definition Office in the preparation of acquisition documentation for the development/procurement of NATO AGS Air and Ground Segments.</li> </ul> <p>Total 500</p>											

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BUDGET ACTIVITY

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PROJECT

**C35****FY 2003 Planned Program**

- 16 Continue to support necessary meetings and conferences.
- 205 Develop Ground Station Segment to meet NATO AGS Requirements.
- 169 Conduct Developmental Tests and Demonstrations.
- 122 Support the NATAR Program Definition Office in the preparation of acquisition documentation for development/procurement of NATO AGS Air and Ground Segments.

Total 512

<b><u>B. Program Change Summary</u></b>	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2002 PB)	0	2109	2208
Appropriated Value	0	0	0
Adjustments to Appropriated Value	0	0	0
a. Congressional General Reductions	0	0	0
b. SBIR/STTR	0	0	0
c. Omnibus or Other Above Threshold Reduction	0	0	0
d. Below Threshold Reprogramming	500	0	0
e. Recissions	0	0	0
Adjustments to Budget Years Since FY2002 PB	0	0	-1696
Current Budget Submit (FY 2003 PB)	500	0	512

## Change Summary Explanation:

FY01 - \$ .500M reprogrammed from 64770 202 to support NATO AGS efforts

FY02 - \$2.109M zeroed out by Congressional action.

FY03 - \$1.695M Funds were realigned from this project to support other Army higher priority requirements.

\$0.001M Decrease in form of budget adjustment

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<b><u>C. Other Program Funding Summary</u></b>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>To Compl</u>	<u>Total Cost</u>
BA1080 Joint STARS (TIARA)	65806	21141	8620	8438	0	0	0	0	198845
BS9724 Joint STARS Spares	4765	4308	3265	301	500	0	0	0	18573
64770/D202 Joint Stars(TIARA)	28133	8026	4740	4939	6267	6184	5817	0	89782
<p><b><u>D. Acquisition Strategy:</u></b> NATO AGS is currently in the Program Definition phase. The Army will support this activity with both requirements and acquisition personnel. The objective is to prepare for the eventual NATO procurement of an AGS capability. Based on extensive background knowledge obtained through the development of the Army's Common Ground Station (CGS), the Army intends to support the AGS effort with the expertise of individuals already involved with CGS. The Army intends to contract with the CGS manufacturer as necessary to support the development of an AGS ground segment, and to support exercises and demonstrations as they pertain to the US Government objectives and the Army AGS imperatives.</p>									
<b><u>E. Schedule Profile</u></b>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>		
Development of Baseline Solution	1-4Q		1-4Q	1-4Q	1-4Q				
Spiral Development and Pre-Planned Product Improvements					1-4Q	1-4Q	1-4Q		

ARMY RDT&E COST ANALYSIS(R-3)									February 2002			
BUDGET ACTIVITY <b>7 - Operational system development</b>					PE NUMBER AND TITLE <b>1001018A - NATO Joint STARS</b>					PROJECT <b>C35</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Develop Architecture, Data Formats and Interoperability Requirements	T&M	Motorola, Scottsdale, AZ	20724	0		0		0	1Q	Continue	20724	Continue
b . Develop NATO AGS Solutions for Ground Station Segment	T&M	Motorola, Scottsdale, AZ	0	0		0		156	1Q	Continue	156	Continue
Subtotal:			20724	0		0		156		Continue	20880	Continue
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Definition Office (PDO) Support	MIPR	PDO, Brussels	0	405	1-4Q	0		123	1Q	Continue	528	Continue
b . Support Executive and Working Level Meetings and Conferences	MIPR	Various	0	20	1-4Q	0		16	1-4Q	Continue	36	Continue
Subtotal:			0	425		0		139		Continue	564	Continue

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Conduct Exercises and Demonstrations	T&M	Various Locations	0	0		0		62	1Q	Continue	62	Continue
b . Test and Evaluation Support	MIPR	Other Gov't Agencies	0	0		0		72	1Q	Continue	72	Continue
Subtotal:			0	0		0		134		Continue	134	Continue
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Management		PM CGS, Fort Monmouth, NJ	1707	75	1-4Q	0		83	1Q	Continue	1865	Continue
Subtotal:			1707	75		0		83		Continue	1865	Continue
Project Total Cost:			22431	500		0		512		Continue	23443	Continue